

TEST METHOD FOR ASSESSING THERMAL MECHANICAL
FATIGUE PERFORMANCE OF A TEST MATERIAL

ABSTRACT OF THE DISCLOSURE

A test method for testing the thermal mechanical fatigue performance of a test material includes preparing a test specimen of the test material, wherein the test specimen has a base, and a rib extending outwardly from the base. The test specimen is thermally cycled through at least one test cycle. In each test cycle the rib is heated to a higher rib temperature and thereafter cooled to a lower rib temperature. The test specimen is evaluated for thermal mechanical fatigue damage.